

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	34125	(skin adj body adj part or fingerprint or finger adj print)and(encod\$3 or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 12:47
L2	2442	(generat\$3 or obtaining or acquir\$4)same(skin adj body adj part or fingerprint or finger adj print)same(encod\$3 or code or alphanumeric adj code or digital adj code or code\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 12:50
L3	0	(generat\$3 or obtaining or acquir\$4)same imqag\$1 same(skin adj body adj part or fingerprint or finger adj print)same(encod\$3 or code or alphanumeric adj code or digital adj code or code\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 12:51
L4	623	(generat\$3 or obtaining or acquir\$4)same imag\$1 same(skin adj body adj part or fingerprint or finger adj print)same(encod\$3 or code or alphanumeric adj code or digital adj code or code\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 12:51
L5	41	L4 same select\$3 and(contrast or intensity or brightness or grey or gary or shades or values)same pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 12:52
L6	3	L4 same select\$3 same(contrast or intensity or brightness or grey or gary or shades or values)same pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 12:55

L7	0	L6 same subsets and pixel\$1 and(encod\$3 or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 12:56
L8	2442	(generat\$3 or obtaining or acquir\$4)same(fingerprint or finger adj print)same(encod\$3 or code or alphanumeric adj code or digital adj code or code\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 12:59
L9	623	(generat\$3 or obtaining or acquir\$4)same imag\$1 same(fingerprint or finger adj print)same(encod\$3 or code or alphanumeric adj code or digital adj code or code\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 12:59
L10	4	L9 same subsets and pixel\$1 same(encod\$3 or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:00
L11	0	L10 and(plurality or plural\$1)same subsets same(two or dual)same pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:03
L12	3	L10 and(plurality or plural\$1)and subsets and(two or dual)and pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:04
L13	32	(generat\$3 or obtaining or acquir\$4)same imag\$1 same(fingerprint or finger adj print)same(encod\$3 or code or alphanumeric adj code or digital adj code or code\$3)same(contrast or intensity or brightness or grey or gary or shades or values)same pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:07
L14	9	L13 and subsets and pixel\$1 and(encod\$3 or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:08

L15	0	(generat\$3 or obtaining or acquir\$4)same imag\$1 same(fingerprint or finger adj print)same(encod\$3 or code or alphanumeric adj code or digital adj code or code\$3)same(contrast or intensity or brightness or grey or gary or shades or values)same associated adj pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:13
L16	0	(generat\$3 or obtaining or acquir\$4)same imag\$1 same(fingerprint or finger adj print)same(encod\$3 or code or alphanumeric adj code or digital adj code or code\$3)same(contrast or intensity or brightness or grey or gary or shades or values)and associated adj pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:14
L17	214	(generat\$3 or obtaining or acquir\$4)and imag\$1 and(fingerprint or finger adj print)and(encod\$3 or code or alphanumeric adj code or digital adj code or code\$3)and(contrast or intensity or brightness or grey or gary or shades or values)and associated adj pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:15
L18	2	L17 and identify\$3 same sets adj pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:15
L19	2	L17 and identify\$3 same sets same subsets adj pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:16
L20	0	L17 and identify\$3 same sets adj subsets	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:19
L21	0	L17 and identify\$3 and sets adj subsets	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:20
L22	123	L17 and identify\$3 and subsets	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:20

L23	21	L22 and subsets adj pixel\$1 and(two or dual or twine or both)same (shades or ranges or values)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:23
L24	1	L22 and subsets adj pixel\$1 same(two or dual or twine or both)same (shades or ranges or values)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:23
L25	1	L24 and(@ad<"20050913" or @rlad<"20050913" or @prad<"20050913" or @ptad<"20050913")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:24
L26	1	L24 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:24
S1	3973751	biometric and skin adj body and geometric adj measur\$4 and subsets and pixel\$1 and code	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 15:57
S2	3569993	S1 and (@ad<"20050913" or @rlad<"20050913" or @prad<"20050913" or @ptad<"20050913")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:04
S3	2	biometric and skin adj covered adj body adj part and geometric adj measur\$4 and subsets and pixel\$1 and encod\$3 and digital adj code	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:06
S4	0	S3 and (@ad<"20050913" or @rlad<"20050913" or @prad<"20050913" or @ptad<"20050913")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:06

S5	3	((ROLAND) near2 (WALCH)).INV.	US-PGPUB; USPAT	OR	ON	2008/12/30 16:08
S6	6	((("6195447") or ("6532301") or ("6819219") or ("20040036574"),pn")). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/30 16:22
S7	0	S6 and biometric and skin adj covered adj body adj part and geometric adj measur\$4 and subsets and pixel\$1 and encod\$3 and digital adj code	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:22
S8	0	S6 and biometric and skin adj covered adj body adj part	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:23
S9	0	S6 and biometric and skin	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:23
S10	4	S6 and (biometric or fingerprint or finger adj print or skin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:24
S11	0	S10 and geometric adj measur\$4 and subsets and pixel\$1 and(encod \$3 or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:25
S12	0	S10 and subsets and pixel\$1 and(encod\$3 or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:25

S13	0	S10 and pixel\$1 and(encod\$3 or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:25
S14	1	S10 and(encod\$3 or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:25
S15	1	S14 and (@ad<"20050913" or @rlad<"20050913" or @prad<"20050913" or @ptad<"20050913")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:25
S16	361	skin adj body adj part	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:27
S17	80	S16 and(encod\$3 or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:27
S18	73	S17 and (@ad<"20050913" or @rlad<"20050913" or @prad<"20050913" or @ptad<"20050913")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:28
S19	0	S18 and geometric adj measur\$4 and subsets and pixel\$1 and encod \$3 and digital adj code	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:28
S20	0	S18 and geometric adj measur\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:28

S21	0	S16 and obtaining and digital adj code	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:31
S22	4	S16 and acquir\$3 adj skin	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:32
S23	0	S22 and pixel\$1 and(encod\$3 or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:32
S24	4	S22 and(encod\$3 or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:32
S25	3	S24 and (@ad<"20050913" or @rlad<"20050913" or @prad<"20050913" or @ptad<"20050913")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:33
S26	0	S24 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:33
S27	361	S16 and (biometric or fingerprint or finger adj print or skin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:35
S28	1	S16 and acquir\$3 adj(biometric or fingerprint or finger adj print or skin)same image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:36

S29	0	S28 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:36
S30	261	S27 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:37
S31	0	S30 and acquir\$3 adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:38
S32	0	S30 and(acquir\$3 or obtaining)adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:38
S33	18	S30 and(acquir\$3 or obtaining)same image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:38
S34	18	S33 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:39
S35	8	S34 and select\$3 and(contrast or intensity or brightness or grey or gary or shades or values)and pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:40
S36	0	S35 and identify\$3 and subsets and pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:41



S37	0	S35 and subsets	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:41
S38	0	S35 and (subset or candidate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:42
S39	0	S35 and (detect\$3 or determining)and geometric adj measur\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:42
S40	6	S35 and (detect\$3 or determining)and geometric and measur\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:43
S41	0	S40 and pixel\$1 and(encod\$3 or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:43
S42	0	S40 and (encod\$3 or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:43
S43	6	S35 and (detect\$3 or determining)and geometric	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:44
S44	6	S43 and(biometric or fingerprint or finger adj print or skin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:48

S45	0	S43 and(biometric or fingerprint or finger adj print)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:48
S46	0	S35 and(biometric or fingerprint or finger adj print)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:49
S47	14	S16 and (biometric or fingerprint or finger adj print)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:49
S48	12	S47 and(acquir\$3 or obtaining)same image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:50
S49	3	S48 and select\$3 and(contrast or intensity or brightness or grey or gary or shades or values)and pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:51
S50	1	S49 and pixel\$1 and(encod\$3 or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:51
S51	0	S50 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:51
S52	1	S50 and (fingerprint or finger adj print)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:53

S53	0	S52 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:55
S54	361	S16 and (biometric or fingerprint or finger adj print or skin or skin adj body adj part )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:56
S55	5	S54 and(acquir\$3 or obtaining)same image\$1 same(biometric or fingerprint or finger adj print or skin or skin adj body adj part)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:57
S56	1	S55 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 16:57
S57	0	S56 and select\$3 and(contrast or intensity or brightness or grey or gary or shades or values)and pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:00
S58	0	S56 and(contrast or intensity or brightness or grey or gary or shades or values)and pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:00
S59	0	S56 and(encod\$3 or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:00
S60	0	S56 and (subset or candidate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:01

S61	0	S56 and(detect\$3 or determining)and geometric	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:01
S62	26	S54 and(acquir\$3 or obtaining)same image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:06
S63	3	S62 and select\$3 and(contrast or intensity or brightness or grey or gary or shades or values)and pixel\$1 and (finger adj print or fingerprint)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:07
S64	1	S63 and(encod\$3 or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:07
S65	0	S64 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:07
S66	18	S62 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:08
S67	14	S16 and (biometric or fingerprint or finger adj print)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:10
S68	13	S16 and (fingerprint or finger adj print)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:10

S69	8	S68 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:10
S70	0	S69 and(acquir\$3 or obtaining)same image\$1 same(fingerprint or finger adj print)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:11
S71	2139	(acquir\$3 or obtaining)same image\$1 same(fingerprint or finger adj print)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:11
S72	680	S71 and select\$3 and(contrast or intensity or brightness or grey or gary or shades or values)and pixel\$1 and (finger adj print or fingerprint)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:12
S73	174	S72 and(detect\$3 or determining)and geometric and measur\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:12
S74	0	S72 and(detect\$3 or determining)and geometric adj measur\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:13
S75	136	S73 and (subset or candidate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:13
S76	135	S75 and(encod\$3 or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:13

S77	119	S76 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 17:13
S78	23	(acquir\$3 or obtaining)same image\$1 same(fingerprint or finger adj print or finger)same(minutiae or ridge or valley)same feature adj extract\$3 and location	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 11:43
S79	21	S78 and (@ad<"20050913" or @rlad<"20050913" or @prad<"20050913" or @ptad<"20050913")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 11:44
S82	1	S80 and(encod\$4 or code or alphanumeric adj code)same(generat\$3 or obtaining)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 11:48
S83	1	S82 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 11:50
S84	23	(acquir\$4 or obtaining)same image\$1 same(fingerprint or finger adj print or finger)same(minutiae or ridge or valley)same feature adj extract\$3 and location	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 16:56
S85	21	S84 and (@ad<"20050913" or @rlad<"20050913" or @prad<"20050913" or @ptad<"20050913")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 16:57
S86	1	S85 and(encod\$4 or code or alphanumeric adj code)same(generat\$3 or obtaining)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 16:57

S87	1	S86 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 16:58
S88	0	S87 and platen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 16:58
S89	1	S84 and platen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 16:58
S90	0	S89 and(encod\$4 or code or alphanumeric adj code)same(generat\$3 or obtaining)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 16:59
S91	3	S84 and(encod\$4 or code or alphanumeric adj code)same(generat\$3 or obtaining)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 17:00
S92	1	S91 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 17:00
S93	0	S85 and(encod\$4 or alphanumeric adj code)same(generat\$3 or obtaining)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 17:00
S94	0	S84 and(encod\$4 or alphanumeric adj code)same(generat\$3 or obtaining)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 17:01

S95	19	(fingerprint or finger adj print or finger)same(minutiae or ridge or valley)same feature adj extract\$3 and(encod\$4 or alphanumeric adj code)same(generat\$3 or obtaining)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 17:02
S96	15	S95 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 17:02
S97	4	S96 and platen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 17:02
S98	2	S97 and(subset or candidate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 17:07
S99	2	S98 and geometric and measur\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 17:07
S100	2	S99 and select\$3 and(contrast or intensity or brightness or grey or gary or shades or values)and pixel\$1 and(finger adj print or fingerprint)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/31 17:08
S101	672455	(fingerprint or finger adj print or skin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/03 18:13
S102	17	S101 and(plurality or plural\$1)same subsets same pixel\$1 same(encod\$4 or digital adj code or code\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/03 18:16



S103	6	S102 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/03 18:16
S104	5	S101 same(plurality or plural\$1)same subsets same pixel\$1 same (encod\$4 or digital adj code or code\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/03 18:21
S105	0	S104 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/03 18:23
S106	6	S102 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/03 18:26
S107	4364	(acquir\$3 or obtaining)adj image\$1 and(biometric or fingerprint or finger adj print or skin or skin adj covered adj body adj part)and (contrast or intensity or brightness or grey or gary or shades or values or ranges)and pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 14:44
S108	1607	S107 and subsets and pixel\$1 and(encod\$3 or code)and(subset or candidate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 14:47
S109	4661	(acquir\$3 or obtaining)adj image\$1 and(biometric or fingerprint or finger adj print or skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)and(contrast or intensity or brightness or grey or gary or shades or values or ranges) and pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 14:49
S110	1636	S109 and subsets and pixel\$1 and(encod\$3 or code)and(subset or candidate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 14:49

S111	9	S110 and(plurality or plural\$1)same subsets same pixel\$1 same(encod\$4 or digital adj code or code\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 14:50
S112	5	S111 and(@ad<"20050913" or @rlad<"20050913" or @prad<"20050913" or @ptad<"20050913")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 14:55
S113	4	S111 and @ad<"20050913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 14:55
S114	4	S113 and(acquir\$3 or obtaining)adj image\$1 and(biometric or fingerprint or finger adj print or skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 15:00
S115	4	S114 and(two adj pixel or two or dual adj pixe3l)and(shade adj values or range or gray or grey or RGB or color or colour)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 15:07
S116	0	S115 and(detect\$3 or determining)and geometric adj measur\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 15:09
S117	11	(acquir\$3 or obtaining or generat\$3)adj image\$1 and(biometric or fingerprint or finger adj print or skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)and (contrast or intensity or brightness or grey or gary or shades or values or ranges)and(pixel\$1 or code or encoded)and geometric adj measure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 15:17
S118	5	S117 and subsets and pixel\$1 and(encod\$3 or code)and(subset or candidate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 15:18

S120	4	S118 and(plurality or plural\$1)same subsets same pixel\$1 same(encod\$4 or digital adj code or code\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 15:18
S121	4	S120 and(two adj pixel or two or dual adj pixe3l)and(shade adj values or range or gray or grey or RGB or color or colour)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 15:19
S122	3	S121 and(detect\$3 or determining)and geometric and measur\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 15:20
S125	0	S122 and(@ad<"20050913" or @rlad<"20050913" or @prad<"20050913" or @ptad<"20050913")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 15:20
S126	0	S122 and(@ad<"20050913" or @rlad<"20050913" or @prad<"20050913" or @ptad<"20050913")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 15:26
S127	4106	(382/124,125,115,124,190,181,288,286,204,203).CCLS.	USPAT	OR	OFF	2009/09/18 15:32
S128	1	S127 and(acquir\$3 or obtaining or generat\$3)adj image\$1 and (biometric or fingerprint or finger adj print or skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)and(contrast or intensity or brightness or grey or gary or shades or values or ranges)and(pixel\$1 or code or encoded)and geometric adj measure	USPAT	OR	ON	2009/09/18 15:33
S130	1	S128 and(acquir\$3 or obtaining or generat\$3)adj image\$1 and (fingerprint or finger adj print or skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)	USPAT	OR	ON	2009/09/18 15:34
S131	1	S130 and(two adj pixel or two or dual adj pixe3l)and(shade adj values or range or gray or grey or RGB or color or colour)	USPAT	OR	ON	2009/09/18 15:36

S132	1	S131 and(@ad<"20050913" or @rlad<"20050913" or @prad<"20050913" or @ptad<"20050913")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 15:37
S134	1	S132 and(detect\$3 or determining)and geometric and measur\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 15:38
S135	1	S132 and(detect\$3 or determining)and geometric adj measur\$4	USPAT	OR	ON	2009/09/18 15:38
S136	0	S135 and(encod\$4 or code or alphanumeric adj code or digital adj code or code\$3)and(generat\$3 or obtaining or acquir\$4) same (fingerprint or finger adj print or skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)	USPAT	OR	ON	2009/09/18 15:45
S137	0	S135 and(encod\$4 or code or alphanumeric adj code or digital adj code or code\$3)and(generat\$3 or obtaining or acquir\$4)	USPAT	OR	ON	2009/09/18 15:46
S138	1	S115 and(encod\$4 or code or alphanumeric adj code or digital adj code or code\$3)and(generat\$3 or obtaining or acquir\$4) same (fingerprint or finger adj print or skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)	USPAT	OR	ON	2009/09/18 16:00
S139	1	S115 and(generat\$3 or obtaining or acquir\$4)same(fingerprint or finger adj print or skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)	USPAT	OR	ON	2009/09/18 16:01
S140	1	"7088854".pn.	USPAT	OR	ON	2009/09/18 16:02
S141	1	S140 and(generat\$3 or obtaining or acquir\$4)same(fingerprint or finger adj print or skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)	USPAT	OR	ON	2009/09/18 16:02
S142	0	S140 and(skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)	USPAT	OR	ON	2009/09/18 16:03
S144	649	(340/5.52,5.53,5.82,5.83).CCLS.	USPAT	OR	OFF	2009/09/18 16:07

S145	0	S144 and(acquir\$3 or obtaining or generat\$3)adj image\$1 and (biometric or fingerprint or finger adj print or skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)and(contrast or intensity or brightness or grey or gary or shades or values or ranges)and(pixel\$1 or code or encoded)and geometric adj measure	USPAT	OR	ON	2009/09/18 16:07
S146	103	S144 and(acquir\$3 or obtaining or generat\$3)adj image\$1 and (fingerprint or finger adj print or skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)	USPAT	OR	ON	2009/09/18 16:08
S147	67	S146 and(two adj pixel or two or dual adj pixe3l)and(shade adj values or range or gray or grey or RGB or color or colour)	USPAT	OR	ON	2009/09/18 16:09
S148	0	S147 and(detect\$3 or determining)and geometric adj measur\$4	USPAT	OR	ON	2009/09/18 16:09
S149	12	S147 and(detect\$3 or determining)and geometric and measur\$4	USPAT	OR	ON	2009/09/18 16:09
S150	7	S149 and(encod\$4 or code or alphanumeric adj code or digital adj code or code\$3)and(generat\$3 or obtaining or acquir\$4) same (fingerprint or finger adj print or skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)	USPAT	OR	ON	2009/09/18 16:10
S151	7	S150 and(two adj pixel or two or dual adj pixe3l)and(shade adj values or range or gray or grey or RGB or color or colour)	USPAT	OR	ON	2009/09/18 16:11
S152	7	S151 and(generat\$3 or obtaining or acquir\$4)same(fingerprint or finger adj print or skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)	USPAT	OR	ON	2009/09/18 16:11
S155	0	S135 and(subset or candidate)	USPAT	OR	ON	2009/09/18 16:34
S156	4	S114 and(subset or candidate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 16:36
S157	0	S156 and(skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 16:37

S158	4	S156 and(skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear or fingerprint or finger adj print)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 16:38
S159	1560	(345/157).CCLS.	USPAT	OR	OFF	2009/09/18 16:44
S160	952	(356/71).CCLS.	USPAT	OR	OFF	2009/09/18 16:44
S161	24	S159 and(acquir\$3 or obtaining or generat\$3)adj image\$1 and (fingerprint or finger adj print or skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)	USPAT	OR	ON	2009/09/18 16:45
S162	6	S161 and(subset or candidate)	USPAT	OR	ON	2009/09/18 16:45
S163	0	S162 and(detect\$3 or determining)and geometric adj measur\$4	USPAT	OR	ON	2009/09/18 16:46
S164	0	S162 and(detect\$3 or determining)and geometric and measur\$4	USPAT	OR	ON	2009/09/18 16:46
S165	3	S162 and(encod\$4 or code or alphanumeric adj code or digital adj code or code\$3)and(generat\$3 or obtaining or acquir\$4) same (fingerprint or finger adj print or skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)	USPAT	OR	ON	2009/09/18 16:47
S166	2	S165 and(two adj pixel or two or dual adj pixe3l)and(shade adj values or range or gray or grey or RGB or color or colour)	USPAT	OR	ON	2009/09/18 16:48
S167	53	S160 and(acquir\$3 or obtaining or generat\$3)adj image\$1 and (fingerprint or finger adj print or skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)	USPAT	OR	ON	2009/09/18 16:54
S168	16	S167 and(encod\$4 or code or alphanumeric adj code or digital adj code or code\$3)and(generat\$3 or obtaining or acquir\$4) same (fingerprint or finger adj print or skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)	USPAT	OR	ON	2009/09/18 16:55
S169	4	S168 and(subset or candidate)	USPAT	OR	ON	2009/09/18 16:55
S170	1	S169 and(detect\$3 or determining)and geometric and measur\$4	USPAT	OR	ON	2009/09/18 16:55

S171	6382	(encod\$4 or code or alphanumeric adj code or digital adj code or code \$3) same (generat\$3 or obtaining or acquir\$4) same (fingerprint or finger adj print or skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 17:04
S172	579	S171 and (plurality or plural\$1) same (subset or candidate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 17:05
S173	2	S165 and (two adj pixel or two or dual adj pixe3l) same (shade adj values or range or gray or grey or RGB or color or colour)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 17:05
S174	0	S173 and (detect\$3 or determining) and geometric adj measur\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 17:06
S175	0	S173 and (detect\$3 or determining) and geometric and measur\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 17:09
S176	3	(encod\$4 or code or alphanumeric adj code or digital adj code or code \$3) same (generat\$3 or obtaining or acquir\$4) same (fingerprint or finger adj print or skin or skin adj covered adj body adj part or finger adj tip or palm adj hand or nose adj tip or ear) same geometric adj measur\$5 same digital adj code	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 17:11

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